

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/532,432
Source: PCT/10
Date Processed by STIC: 4/29/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 04/29/2005

PATENT APPLICATION: US/10/532,432

TIME: 17:04:06

Input Set : A:\EX03-078C-US patentin.txt
 Output Set: N:\CRF4\04292005\J532432.raw

3 <110> APPLICANT: EXELIXIS, INC.
 5 <120> TITLE OF INVENTION: MAP2K6 AS MODIFIER OF BRANCHING MORPHOGENESIS AND METHODS OF
 USE
 7 <130> FILE REFERENCE: EX03-078C-US
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/532,432
 C--> 9 <141> CURRENT FILING DATE: 2005-04-22
 9 <150> PRIOR APPLICATION NUMBER: US 60/420,554
 10 <151> PRIOR FILING DATE: 2002-10-23
 12 <160> NUMBER OF SEQ ID NOS: 3
 14 <170> SOFTWARE: PatentIn version 3.2
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 2924
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Homo sapiens
 21 <400> SEQUENCE: 1

22 ggcttctgg	tccggccacc	tctgaagg	tt ccagaatc	gtaattc	gtgg	ttccaa	60	
24 gttggagct	tttagctgcc	agccctggcc	catcatgt	tag ctgc	cagcaca	gccttc	120	
26 acgttgcaac	tggggggaaa	atca	cttcc	actgttt	gcaagg	gtgt	180	
28 ttgattccct	gaaagtccat	ctgctgc	atc	ggtaa	gaga	aactccactt	240	
30 tgcacgcctg	cagcttgc	at	tttgc	aaactagcta	caga	agagaaa	300	
32 gtctttgt	ctccccccc	ccatcaa	agg	aaagg	ggaaa	atgtctc	360	
34 gaagcgaaac	cctggccta	aaattccaa	aa	aga	gacatt	gaa	acaac	420
36 cacaccac	ctgagatttag	actccaaggc	ttgcattt	catt	tttgc	atggaaatc	480	
38 ggtgaaggca	gatgac	ttgg	aggc	tataat	ggaact	ggga	cgagg	540
40 ggagaagatg	cggcac	gtgc	ccagcggc	gatcat	ggca	gtgaag	cgca	600
42 agtaaatagc	caggaacaga	aa	cggctact	gatggat	tttgc	atgat	ttcca	660
44 ggactgtcca	ttca	ctt	tttatgg	cgcact	gttt	cggg	agggtt	720
46 ctgc	atggag	ctc	atggata	catca	ttaat	tttgc	acttac	780
48 ccagacaatt	ccagaggaca	tctt	aggggaa	aat	aggc	atgtt	gtttaa	840
50 acatttacat	agtaagtctgt	ctgt	cattca	caga	acgtc	aagc	cttctta	900
52 caatgtctc	ggtca	agtgt	gcga	ttt	gttgc	atc	tttgc	960
54 tgttgctaaa	acaattt	gttgc	aa	accat	atc	gttgc	aaaa	1020
56 agagctcaac	caga	agg	gttgc	atc	gttgc	atc	tttgc	1080
58 gattgagttg	gccat	cc	tgc	atc	tttgc	atc	tttgc	1140
60 caaacagg	gttgc	atgg	ggc	aca	agg	tttgc	atc	1200
62 tgttgacttt	ac	tttgc	atc	tttgc	atc	tttgc	atc	1260
64 gctaatgcaa	cat	ccat	tttgc	atc	tttgc	atc	tttgc	1320
66 tgtaaaactg	att	tttgc	atc	tttgc	atc	tttgc	atc	1380
68 atttgtgg	tttgc	atc	tttgc	atc	tttgc	atc	tttgc	1440
70 ataatttaac	cct	gc	ctc	atc	tttgc	atc	tttgc	1500
72 taaggggg	tttgc	atc	tttgc	atc	tttgc	atc	tttgc	1560
74 aggcttagga	ctt	caaa	agg	tttgc	atc	tttgc	atc	1620
76 ttctcagact	tct	tttattc	tttac	aaat	tttgc	atc	tttgc	1680
78 cggtagt	gaa	attataa	tttgc	atc	tttgc	atc	tttgc	1740

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,432

DATE: 04/29/2005

TIME: 17:04:06

Input Set : A:\EX03-078C-US patentin.txt

Output Set: N:\CRF4\04292005\J532432.raw

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/532,432

DATE: 04/29/2005
TIME: 17:04:06

Input Set : A:\EX03-078C-US patentin.txt
Output Set: N:\CRF4\04292005\J532432.raw

175	ggatgaatta	tgataaaaggc	ttaggacttc	aaaaggtgat	taaatattta	atgatgtgtc	1500											
177	atatgagtcc	tcaagcttct	cagacttctc	ttattcttta	caaaatgaat	gcattggccc	1560											
179	tgacaaaaaaag	gtgctacggt	agtatgaaa	ttataagtag	attttagttt	tgtcccattt	1620											
181	attattttaa	tatttatgtt	taagtgcctt	gttggaaaaga	ttccatttttta	tacaagaagg	1680											
183	gagattcaaa	aaaaaaatat	aagggtgggt	tagcaatatt	tatagggctt	ttatttttta	1740											
185	agttcaattt	tgtctgttgt	ccagaagaaa	ttatthaata	tgcacatctt	agaatattat	1800											
187	aaaaatataca	aaaaggagct	cttcttgtga	aatgtctgtt	ccagctgtt	tgactgctgc	1860											
189	catttttgg	aacatctgcc	caatcctggg	tgatcaccac	atcttttagg	ggaagtgaca	1920											
191	agatgctctg	gtcataactct	ttttcccaac	tttggaaaac	ataaaaaatca	ctcatataaac	1980											
193	agctcaaaga	gtaaaaacatt	tggttcttct	gacacttgtg	gtatagtatt	agtggaaagt	2040											
195	gatttgaat	atgatttat	atccacctac	ctattcatct	acctgtgtt	atgtgtgtt	2100											
197	ttgtgtgtct	atttggcaat	tcacaagttcc	tgccaagtgg	tttctatgag	catctctgtt	2160											
199	tggtaaggag	gacaattgtc	agttttgagg	gggacatgtg	ttaaatcaca	gaaaaaaaaatg	2220											
201	gtgccttctt	ctgcgtttgt	ccctcctgcc	atgttaagt	tgttaaggatt	gcctttgttag	2280											
203	ttaatgtact	ctttggcttt	gtttgtttgt	tttcttcttc	agtgaagcag	ccttactatt	2340											
205	catagaaggg	ctagaatagg	agaaaaatgaa	aggtatgtgag	taattctt	ataagatgag	2400											
207	gaaataatgg	gaaaggttga	attaattcct	gggcatggac	taccagatga	ccacaagttg	2460											
209	cgttgaggcc	gcatcttct	tcagcagcgt	gcaatagctg	gctcctctat	aggagatgag	2520											
211	cttcatttggg	agttccttagc	aagttgacta	aacagcaaaa	gttctttctc	gtgggtaaat	2580											
213	ataccacag	gttctatgat	ttgttagctt	aggttctt	atgatcaagg	agtgaagtaa	2640											
215	ttgacaggga	aaatataagac	ctatgataaa	taaccaggaa	gcattgctt	tggacaaggaa	2700											
217	agaacagagg	gttttgattt	taaaaaagaag	aaaaaaaaac	cttattttt	cttcttggc	2760											
219	ctcaagttca	atatggagag	gattgcttcc	ctgaatcctc	tcttccttcc	ccttttagag	2820											
222	<210>	SEQ ID NO:	3															
223	<211>	LENGTH:	334															
224	<212>	TYPE:	PRT															
225	<213>	ORGANISM:	Homo sapiens															
227	<400>	SEQUENCE:	3															
229	Met	Ser	Gln	Ser	Lys	Gly	Lys	Lys	Arg	Asn	Pro	Gly	Leu	Lys	Ile	Pro		
230	1				5				10						15			
233	Lys	Glu	Ala	Phe	Glu	Gln	Pro	Gln	Thr	Ser	Ser	Thr	Pro	Pro	Arg	Asp		
234							20		25						30			
237	Leu	Asp	Ser	Lys	Ala	Cys	Ile	Ser	Ile	Gly	Asn	Gln	Asn	Phe	Glu	Val		
238							35		40						45			
241	Lys	Ala	Asp	Asp	Leu	Glu	Pro	Ile	Met	Glu	Leu	Gly	Arg	Gly	Ala	Tyr		
242							50		55						60			
245	Gly	Val	Val	Glu	Lys	Met	Arg	His	Val	Pro	Ser	Gly	Gln	Ile	Met	Ala		
246							65		70						80			
249	Val	Lys	Arg	Ile	Arg	Ala	Thr	Val	Asn	Ser	Gln	Glu	Gln	Lys	Arg	Leu		
250							85		90						95			
253	Leu	Met	Asp	Leu	Asp	Ile	Ser	Met	Arg	Thr	Val	Asp	Cys	Pro	Phe	Thr		
254							100		105						110			
257	Val	Thr	Phe	Tyr	Gly	Ala	Leu	Phe	Arg	Glu	Gly	Asp	Val	Trp	Ile	Cys		
258							115		120						125			
261	Met	Glu	Leu	Met	Asp	Thr	Ser	Leu	Asp	Lys	Phe	Tyr	Lys	Gln	Val	Ile		
262							130		135						140			
265	Asp	Lys	Gly	Gln	Thr	Ile	Pro	Glu	Asp	Ile	Leu	Gly	Lys	Ile	Ala	Val		
266							145		150						155			
269	Ser	Ile	Val	Lys	Ala	Leu	Glu	His	Leu	His	Ser	Lys	Leu	Ser	Val	Ile		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/532,432

DATE: 04/29/2005
TIME: 17:04:06

Input Set : A:\EX03-078C-US patentin.txt
Output Set: N:\CRF4\04292005\J532432.raw

270 165 170 175
273 His Arg Asp Val Lys Pro Ser Asn Val Leu Ile Asn Ala Leu Gly Gln
274 180 185 190
277 Val Lys Met Cys Asp Phe Gly Ile Ser Gly Tyr Leu Val Asp Ser Val
278 195 200 205
281 Ala Lys Thr Ile Asp Ala Gly Cys Lys Pro Tyr Met Ala Pro Glu Arg
282 210 215 220
285 Ile Asn Pro Glu Leu Asn Gln Lys Gly Tyr Ser Val Lys Ser Asp Ile
286 225 230 235 240
289 Trp Ser Leu Gly Ile Thr Met Ile Glu Leu Ala Ile Leu Arg Phe Pro
290 245 250 255
293 Tyr Asp Ser Trp Gly Thr Pro Phe Gln Gln Leu Lys Gln Val Val Glu
294 260 265 270
297 Glu Pro Ser Pro Gln Leu Pro Ala Asp Lys Phe Ser Ala Glu Phe Val
298 275 280 285
301 Asp Phe Thr Ser Gln Cys Leu Lys Lys Asn Ser Lys Glu Arg Pro Thr
302 290 295 300
305 Tyr Pro Glu Leu Met Gln His Pro Phe Phe Thr Leu His Glu Ser Lys
306 305 310 315 320
309 Gly Thr Asp Val Ala Ser Phe Val Lys Leu Ile Leu Gly Asp
310 325 330

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/532,432

DATE: 04/29/2005

TIME: 17:04:07

Input Set : A:\EX03-078C-US patentin.txt
Output Set: N:\CRF4\04292005\J532432.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date